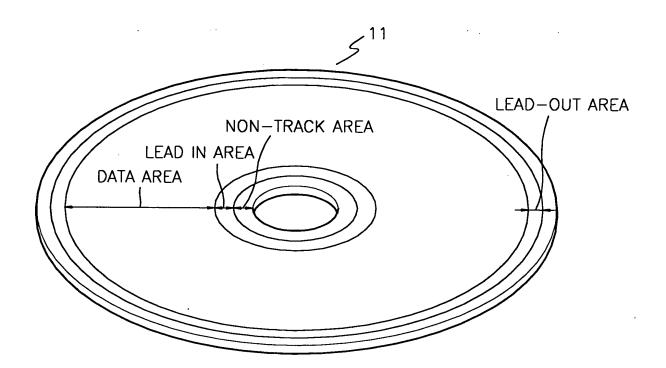
FIG. 1 (PRIOR ART)



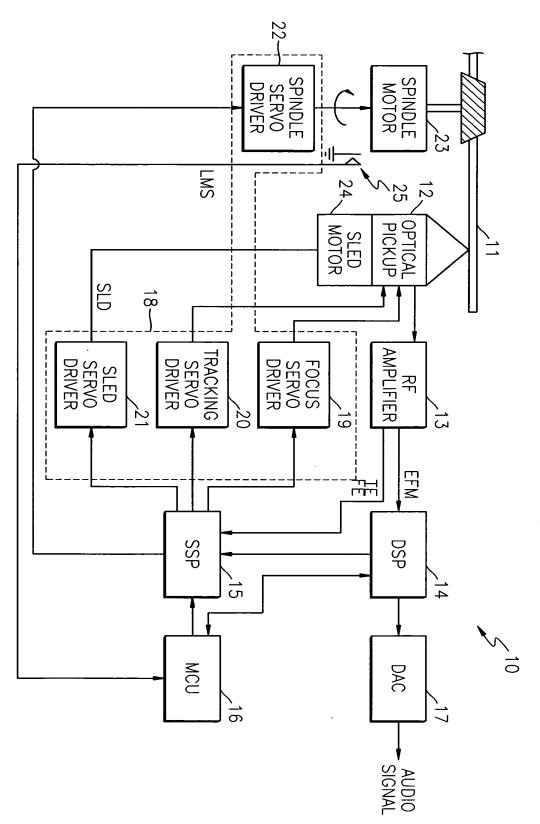
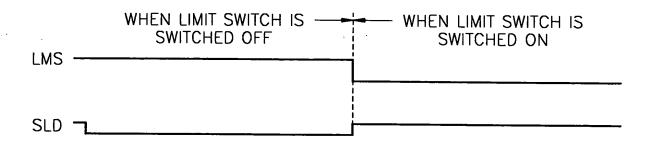


FIG. 2 (PRIOR ART)

FIG. 3 (PRIOR ART)



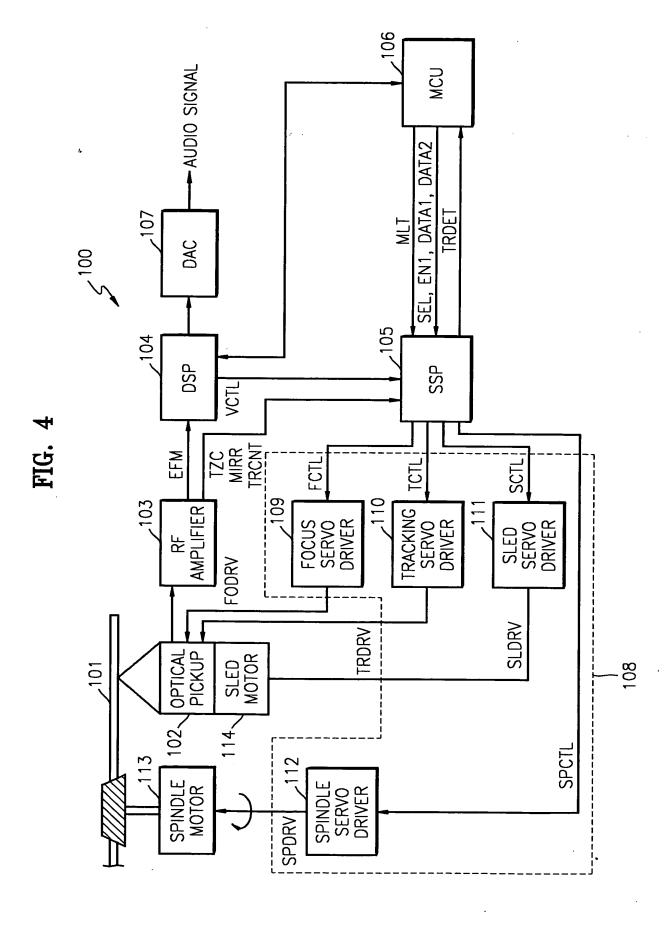


FIG. 5

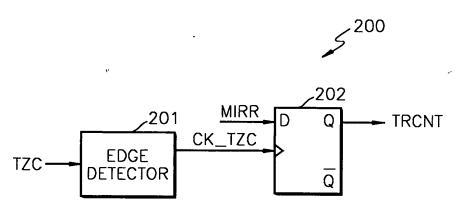


FIG. 6

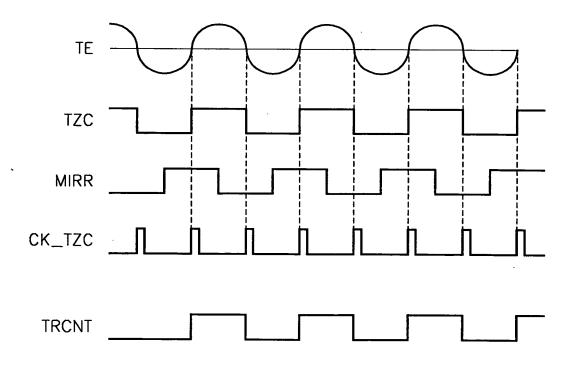


FIG. 7

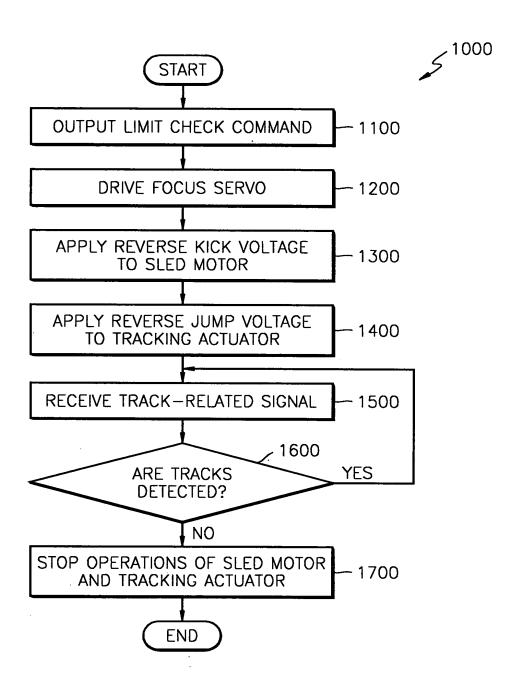
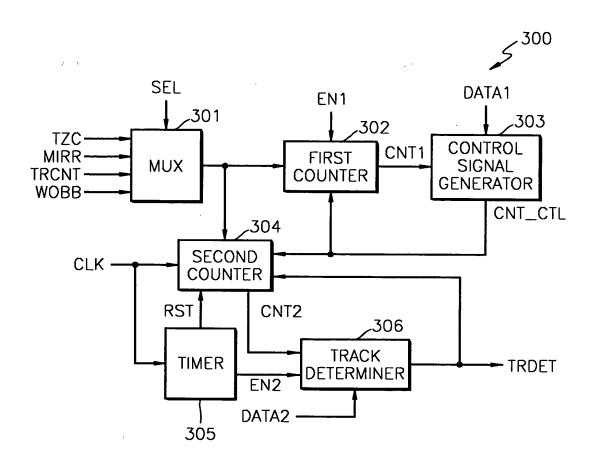


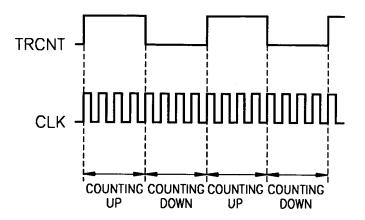
FIG. 8

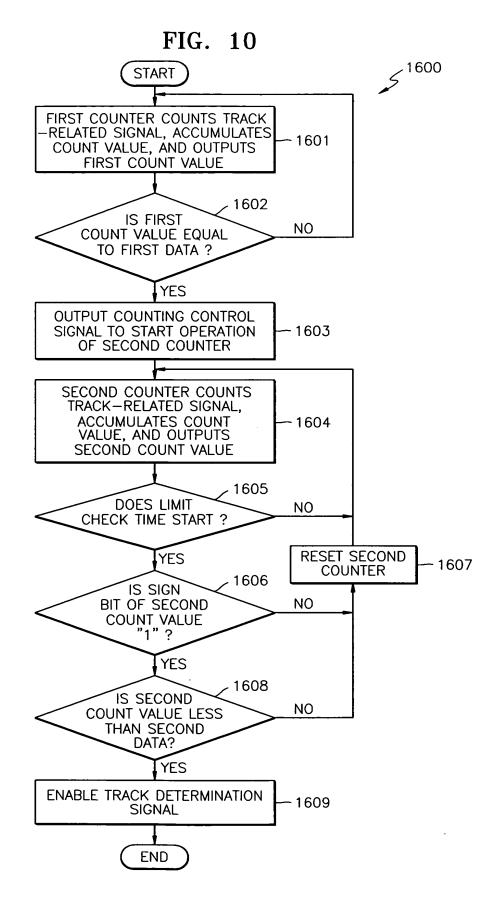


– VREF2 - VREF1 0 FIG. 9A α TRDRV — TRCNT -TRDET -SLDRV -EN1 EN2 -MLT CTL-

.

FIG. 9B





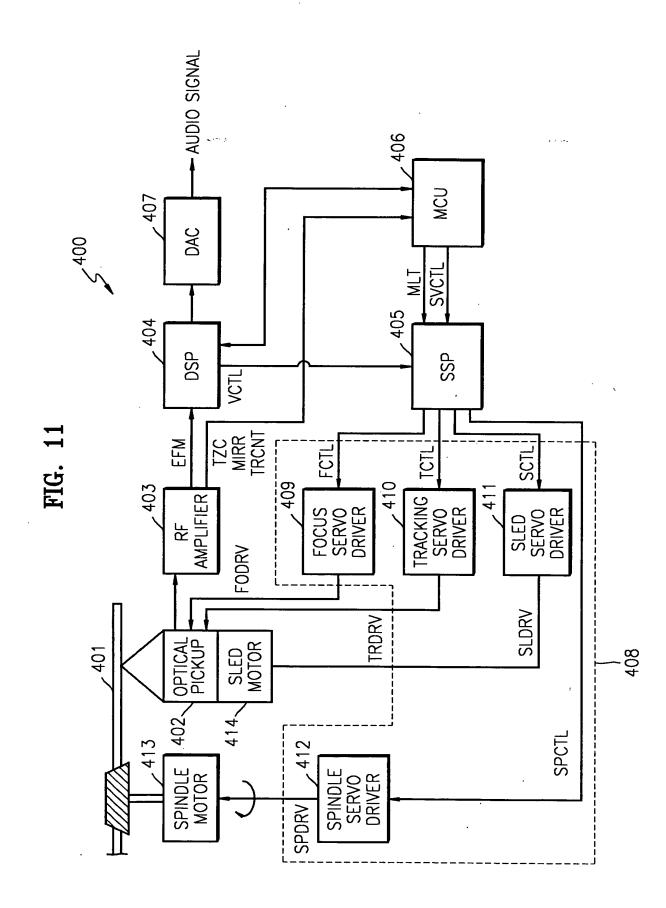
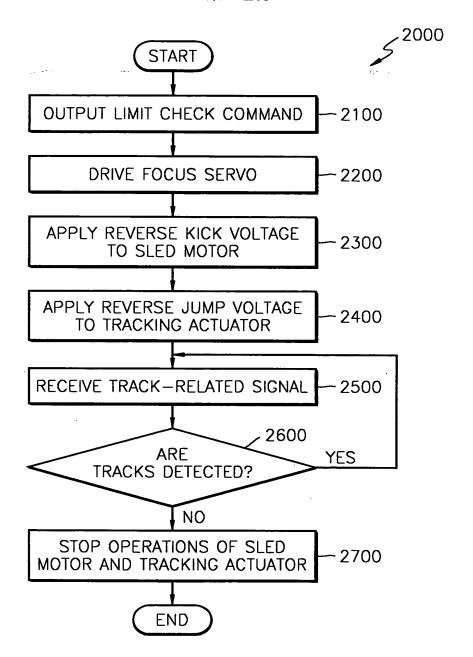


FIG. 12



£ 2600 FIG. 13 START COUNT NUMBER OF TIMES TRACK-RELATED SIGNAL IS - 2601 **OUTPUT AND OUTPUT FIRST** COUNT VALUE 2602 IS FIRST NO COUNT VALUE EQUAL TO FIRST SET VALUE? YES COUNT NUBMER OF TIMES TRACK-RELATED SIGNAL IS 2603 OUTPUT, AND OUTPUT SECOND COUNT VALUE 2604 **DOES** NO LIMIT CHECK TIME START? INITIALIZE SECOND YES -2606 COUNT VALUE 2605 IS SIGN NO BIT OF SECOND COUNT VALUE "1"? YES 2607 IS SECOND NO COUNT VALUE LESS THAN SECOND SET VALUE? YES OUTPUT LIMIT CHECK 2608 COMPLETION SIGNAL

END

FIG. 14

